



City of Evansville Environmental Protection Agency

Suite 100, C.K. Newsome Community Center
100 East Walnut Street – Evansville, IN 47713
Phone (812) 435-6145 * Fax (812) 435-6155
Website - <http://evansvillegov.net/evans/epa>

Mayor Jonathan Weinzapfel

February 27, 2004

Mr. Brian Peters
Mulzer Crushed Stone, Inc.
4315 Old Green River Road
Evansville, IN 47715

Re: **Source Specific Operating Agreement
S 163-18515-00049**

Dear Mr. Peters:

The Evansville Environmental Protection Agency (EEPA) has reviewed the information regarding your facility and the provisions in 326 IAC 2, and has determined that your emission source, a stone crushing plant located at 4315 Old Green River Road (Weinbach Yard), Evansville, Indiana 47715, (ID#00049) has met the criteria required to obtain a Source Specific Operating Agreement pursuant to 326 IAC 2-9-8(b)(3).

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

Section A: Crushed Stone Operation: [326 IAC 2-9-8(b)(3)]

1. The crushed stone operation shall have no more than nine (9) crushers, seventeen (17) screens, and one (1) conveying operation.
2. The crushed stone operation annual throughput shall be less than three million (3,000,000) tons per year.
3. The source shall keep annual throughput records of the crushed stone operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the Office of Air Quality (OAQ) or the Evansville EPA (EEPA).
4. The crushing, screening and conveying operations shall be equipped with dust collectors, unless a wet or continuous wet suppression system is used to comply with conditions 6 and 7.
5. All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of this Source Specific Operating Agreement.
6. The visible emissions from the screening and conveying operation shall not exceed an average of ten percent (10%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
7. The visible emissions from the crushing operation shall not exceed an average of fifteen percent (15%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
8. The fugitive particulate matter (PM) emissions of this source shall be controlled by applying water on all storage piles and unpaved roadways on an as needed basis, such that the following visible emission conditions are met:

- (a) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
- (b) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
 - (i) The first reading shall be taken at the time of emission generation.
 - (ii) The second reading shall be taken five (5) seconds after the first.
 - (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- 9. The fugitive particulate emissions at the crushed stone operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

Section B: General Requirements: [326 IAC 2-9-1]

- 1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

**Compliance Data Section
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015**

And

**Evansville EPA
C.K. Newsome Community Center
100 E. Walnut Street
Suite 100
Evansville, IN 47713**

no later than January 30 of each year, with the annual notice being submitted in the format attached.

- 2. Pursuant to 326 IAC 2-9-8(b)(3)(B), an annual fee of eight hundred dollars (\$800.00) shall be remitted to the Evansville EPA by the due date specified on the invoice.
- 3. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.
- 4. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the permittee of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63 or 40 CFR Part 61.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Evansville Environmental Protection Agency (EEPA) and the Office of Air Quality (OAQ) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely,

Original Signed by Alma Mifflin
Alma Mifflin
EEPA Permitting Specialist

cc: OAQ

Source Specific Operating Agreement Annual Notification
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

Company Name:	Mulzer Crushed Stone, Inc.
Address:	4315 Old Green River Road (Weinbach Yard)
City:	Evansville, Indiana 47715
Contact Person:	Brian Peters
Phone #:	812-547-1400
SSOA #:	S 163-18515-00049

I hereby certify that Mulzer Crushed Stone, Inc. is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) **S 163-18515-00049**.

Name (typed):
Title:
Signature:
Date:

**Indiana Department of Environmental Management
Office of Air Quality
and
Evansville Environmental Protection Agency**

**Technical Support Document (TSD) for a
*Source Specific Operating Agreement***

Source Background and Description

Source Name: Mulzer Crushed Stone, Inc.
Source Location: 4315 Old Green River Road, Evansville, Indiana, 47715
County: Vanderburgh
SIC Code: 1429
Operation Permit No.: 163-18515-00049
Permit Reviewer: Alma Mifflin

The Office of Air Quality (OAQ) has reviewed an application from Mulzer Crushed Stone, Inc. relating to the construction and operation of a stone crushing plant.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units:

One (1) stone crushing plant that serves as a coal and aggregate transfer and storage facility.

One (1) conveyor system and front - end loader.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

- a) City of Evansville EPA Certificate of Operation # 049-001-002, issued on August 31, 1999.
- b) Source has been permitted since February 1982, and held a state operating permit pursuant to correspondence exchanged between an Indiana Department of Environmental Management (IDEM) official and Mulzer Crushed Stone, Inc. dated December 10, 1996. To this date, neither state nor the local agency have an original permit or application on file. All documentation available confirms it is not a new source, and information provided by the EEPA Director waives the application requirements and fee due to prior permitting status. It is IDEM's decision to allow the Source Specific Operating Agreement (SSOA) request by the source, and to have the permit processed by the local agency, the Evansville Environmental Protection Agency (EEPA).

All conditions from previous approvals were incorporated into this permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the operation permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the annual inspection and additional information submitted by the applicant.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2002 EEPA emission data.

Pollutant	Actual Emissions (tons/year)
PM	0
PM-10	69.46
SO ₂	0
VOC	0
CO	0
NO _x	0
HAP (specify)	0

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This existing source, including the emissions from this permit **S 163-18515-00049**, is not subject to the Part 70 Permit requirements pursuant to 326 IAC 2-7-1(22)(B) because:

- (a) fugitive emissions of a stationary source shall not be considered in determining whether it is a major stationary source, and
- (b) it is not one of the twenty-seven (27) listed categories.

This status is based on all the air approvals issued to the source. This status has been verified by the EEPA inspector and permit reviewer assigned to the source.

Federal Rule Applicability

- (a) There are no New Source Performance Standards applicable to this source. NSPS is not applicable because facility was constructed prior to August 1, 1985 NSPS promulgation.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR art 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-3-2 (Fugitive Emissions)

Since this type of operation is not one of the twenty-seven (27) listed source categories under 326 IAC 2-3 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

326 IAC 2-6 (Emission Reporting)

This source is not subject to 326 IAC 2-6 (Emission Reporting), because it is not a Part 70 permit and does not have the potential to emit more than two hundred fifty (250) tons per year of any pollutant. Pursuant to this rule, the owner/operator of the source is exempt from annual reporting requirements.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

Conclusion

The operation of this stone crushing plant shall be subject to the conditions of the attached proposed Source Specific Operating Agreement 163-18515-00049.